

Storm Data and Unusual Weather Phenomena - August 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Southwest				
PAGE COUNTY --- 1.5 NNW BRADDYVILLE [40.59, -95.04]				
	08/04/09 01:10 CST		0	Hail (1.00 in)
	08/04/09 01:10 CST		0	Source: Public
Thunderstorms developed north of a warm front that was along the Kansas and Nebraska border. With temperatures in the 70s and dew point temperatures around 70 near the front, instability was moderately high. Although most of the severe weather remained in southeast Nebraska, an isolated severe storm crossed the Missouri River into southwest Iowa.				
HARRISON COUNTY --- MODALE [41.62, -96.02]				
	08/09/09 06:47 CST		0	Hail (2.00 in)
	08/09/09 06:47 CST		0	Source: Trained Spotter
A few hailstones a bit larger than golf ball-size fell in the Modale area. The larger hailstones were relatively few and far between.				
HARRISON COUNTY --- 5.0 SE MONDAMIN [41.67, -95.95]				
	08/09/09 07:00 CST		0	Hail (1.00 in)
	08/09/09 07:00 CST		0	Source: COOP Observer
HARRISON COUNTY --- LOGAN [41.65, -95.80]				
	08/09/09 07:10 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 07:10 CST		0	Source: COOP Observer
Thunderstorm wind gusts estimated at 60 mph downed several large tree limbs in the Logan area and also caused some sporadic crop damage.				
Thunderstorms developed northwest of a stationary front that extended across southeast Nebraska. The storms were aided by an upper level disturbance that lifted northeast across South Dakota and a modest low level jet and relatively deep low level moisture over eastern Nebraska. One small cluster of storms produced severe weather as they tracked into Harrison county of western Iowa.				
FREMONT COUNTY --- 12.0 E HAMBURG [40.60, -95.42]				
	08/09/09 16:25 CST		0	Thunderstorm Wind (EG 51 kt)
	08/09/09 16:25 CST		0	Source: Public
Thunderstorm winds were estimated by the public at around 60 mph east of Hamburg.				
Thunderstorms developed along a cold front that pushed into southeast Nebraska and southwest Iowa. Temperatures ahead of the front climbed into the 90s with dew point temperatures in the 70s.				
PAGE COUNTY --- 0.9 NW NORTHBORO [40.61, -95.29]				
	08/19/09 16:20 CST		0	Hail (1.75 in)
	08/19/09 16:20 CST		0	Source: Law Enforcement
PAGE COUNTY --- 1.7 NW CLARINDA [40.75, -95.05]				
	08/19/09 16:52 CST		0	Hail (1.00 in)
	08/19/09 16:52 CST		0	Source: Trained Spotter
A narrow line of severe thunderstorms developed along a cold front that moved into northeast Nebraska during the late afternoon of August 19th. Meanwhile another area of severe thunderstorms developed over southeast Nebraska into southwest Iowa due to an upper level disturbance that was tied into a much larger disturbance that helped push the cold front through the region. The line of thunderstorms in northeast Nebraska weakened as it moved east of Columbus, but the storms southeast of there persisted until the front pushed through later in the evening.				
NEBRASKA, East				
CASS COUNTY --- 1.3 WSW UNION [40.81, -95.92]				
	08/04/09 00:26 CST		0	Hail (1.75 in)
	08/04/09 00:26 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Hail up to golf ball-size was reported along Highway 75 south of Union.				
SALINE COUNTY --- FRIEND [40.65, -97.28], 2.6 E FRIEND [40.65, -97.23]				
	08/04/09 03:00 CST		0	Thunderstorm Wind (MG 56 kt)
	08/04/09 03:00 CST		0	Source: COOP Observer
A cooperative observer near Friend measured a thunderstorm wind gust at 65 mph. The winds downed many trees and large tree limbs in the area. Some of the fallen trees damaged the roofs of a few homes, blocked several streets in town and caused scattered power outages.				
SEWARD COUNTY --- 3.2 S FLYING V ARPT [40.82, -97.35]				
	08/04/09 03:06 CST		0	Hail (1.50 in)
	08/04/09 03:06 CST		0	Source: Trained Spotter
Hail up to 1.5 inches in diameter was reported along Interstate 80 west of Goehner.				
SEWARD COUNTY --- 1.2 S GOEHNER [40.81, -97.22], MILFORD [40.77, -97.05]				
	08/04/09 03:10 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:20 CST		0	Source: Public
Thunderstorm winds estimated at least at 65 to 70 mph knocked down trees and power lines, flipped some center pivots and flattened corn from south of Goehner into the Milford area. An on-site weather station near Goehner measured 65 mph wind gusts with this storm, but more damage and probably a little stronger winds occurred in the Milford area. Vehicles and homes sustained damage due to the fallen trees, and several roads, including Highway 6, were temporarily closed because of downed trees. Milford city maintenance workers estimated it would take approximately two weeks to clean up.				
SEWARD COUNTY --- PLEASANT DALE [40.78, -96.92]				
	08/04/09 03:15 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:15 CST		0	Source: Newspaper
Thunderstorm winds estimated at 70 mph caused extensive tree damage and some structural damage in the Pleasant Dale area. The fire station had its roof scattered across the street and couldn't respond to a call due to debris blocking the fire trucks. Much of the town lost power as well. The city park sustained damage to a baseball dugout and picnic tables.				
SALINE COUNTY --- 0.5 W WILBER [40.48, -96.96]				
	08/04/09 03:18 CST		0	Thunderstorm Wind (EG 58 kt)
	08/04/09 03:18 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at 65 to 70 mph caused sporadic power outages near Wilber when the power pole a transformer was on snapped. Several large limbs were also downed in town.				
OTOE COUNTY --- 2.8 S PALMYRA [40.66, -96.39]				
	08/04/09 03:21 CST		0	Hail (1.00 in)
	08/04/09 03:21 CST		0	Source: Public
An isolated report of 4 inches of rain was also received in this area.				
OTOE COUNTY --- UNADILLA [40.68, -96.27]				
	08/04/09 03:23 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/09 03:23 CST		0	Source: Newspaper
Thunderstorm winds estimated at over 60 mph broke several large trees in the Unadilla area.				
GAGE COUNTY --- 0.9 NW CORTLAND [40.51, -96.71]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:30 CST		0	Source: Emergency Manager
Thunderstorm winds estimated at between 60 and 70 mph downed a few large trees which covered Highway 77 in Cortland.				
GAGE COUNTY --- BEATRICE [40.27, -96.73]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (MG 61 kt)
	08/04/09 03:30 CST		0	Source: Emergency Manager
Thunderstorm winds measured at 60 to 70 mph downed a few trees and numerous large tree limbs in town.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LANCASTER COUNTY --- 0.9 NW DENTON [40.74, -96.84]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:30 CST		0	Source: Emergency Manager
Thunderstorm wind gusts estimated at nearly 70 mph knocked down several large trees and caused other tree damage in and near Denton. Fallen trees caused damage to shingles and siding of several homes, and also downed power lines knocking out power to much of the town, which wasn't restored until early afternoon later that day. A few roads were also closed due to downed trees.				
LANCASTER COUNTY --- 2.1 SE BERKS [40.65, -96.87]				
	08/04/09 03:30 CST		0	Hail (1.75 in)
	08/04/09 03:30 CST		0	Source: Trained Spotter
Golf ball-size hail was reported around 5 miles east northeast of Crete in Lancaster county.				
LANCASTER COUNTY --- 3.0 W BENNET [40.68, -96.56], PANAMA [40.60, -96.52]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:45 CST		0	Source: Public
Thunderstorm wind gusts estimated at 60 to 70 mph downed trees and caused house damage a few miles west of Bennet and also caused tree damage south of there into the Panama area. In Panama a tree fell on a car causing damage.				
LANCASTER COUNTY --- 5.0 S (LNK)LINCOLN ARPT [40.78, -96.77], 1.1 SE CHENEYS [40.72, -96.58]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/09 03:40 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at over 60 mph caused heavy tree damage across the southern sections of Lincoln, mostly south of O Street, according to a Lincoln Electric System spokesperson. Around 6,000 customers lost power. Some hail as large as 2 inches in diameter fell from the storm across the southern sections of town also.				
LANCASTER COUNTY --- HALLAM [40.52, -96.78]				
	08/04/09 03:30 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/09 03:45 CST		0	Source: Newspaper
Thunderstorm winds estimated at over 60 mph caused tree damage in town and also knocked the lid off of the town's water tower. Some corn was also flattened in the area.				
OTOE COUNTY --- NEBRASKA CITY [40.65, -95.85]				
	08/04/09 03:30 CST		0	Hail (1.75 in)
	08/04/09 03:30 CST		0	Source: Newspaper
A few hailstones up to golf ball-size fell in town.				
OTOE COUNTY --- NEBRASKA CITY [40.65, -95.85]				
	08/04/09 03:30 CST		35K	Lightning
	08/04/09 03:30 CST		0	Source: Newspaper
Lightning struck a 50-year-old tree causing it topple onto a house and car causing extensive damage to each.				
GAGE COUNTY --- 0.7 S BLUE SPGS [40.12, -96.67]				
	08/04/09 03:45 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 03:45 CST		0	Source: Emergency Manager
Thunderstorm wind gusts estimated at over 60 mph downed some trees and large tree limbs in Wymore.				
LANCASTER COUNTY --- 1.0 SW LANCASTER [40.77, -96.68]				
	08/04/09 03:55 CST		0	Hail (2.00 in)
	08/04/09 03:55 CST		0	Source: Trained Spotter
Hail up to 2 inches in diameter was reported at the intersection of Highway 2 and 27th Street in south Lincoln.				
JOHNSON COUNTY --- 2.1 SSW TECUMSEH ARPT [40.40, -96.19], 0.5 W TECUMSEH [40.37, -96.19]				

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	08/04/09 04:00 CST		0	Thunderstorm Wind (EG 60 kt)
	08/04/09 04:00 CST		0	Source: Public
Thunderstorm wind gusts estimated at around 70 mph blew the tin off of outbuildings and knocked down large tree limbs near Tecumseh which caused some home damage. Around 200 residents lost power also.				
OTOE COUNTY --- 8.0 S PALMYRA [40.58, -96.38]				
	08/04/09 04:00 CST		0	Hail (0.88 in)
	08/04/09 04:00 CST		0	Source: Public
NEMAHA COUNTY --- 0.9 SW AUBURN [40.39, -95.84]				
	08/04/09 04:30 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/09 04:30 CST		0	Source: Law Enforcement
Thunderstorm wind gusts estimated at over 60 mph caused considerable tree damage in town including several large trees that were uprooted or toppled completely destroying them. The fallen trees caused some vehicle and house damage around town.				
PAWNEE COUNTY --- BURCHARD [40.15, -96.35]				
	08/04/09 04:30 CST		0	Thunderstorm Wind (EG 55 kt)
	08/04/09 04:30 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at over 60 mph downed a few trees and large limbs in town.				
NEMAHA COUNTY --- 0.5 SW BROWNVILLE [40.40, -95.66]				
	08/04/09 04:38 CST		0	Thunderstorm Wind (MG 74 kt)
	08/04/09 04:38 CST		0	Source: Utility Company
A thunderstorm wind gust of 85 mph was measured at the Cooper Nuclear facility near Brownville.				
RICHARDSON COUNTY --- FALLS CITY ARPT [40.07, -95.58]				
	08/04/09 04:50 CST		0	Thunderstorm Wind (MG 51 kt)
	08/04/09 04:50 CST		0	Source: ASOS
The Asos at Falls City measured a thunderstorm wind gust of 59 mph.				
A thunderstorm complex that developed north of low pressure in north central Kansas merged with thunderstorms that developed north of a warm front that was along the Kansas and Nebraska border. With temperatures in the 70s and dew point temperatures around 70 near the front and low, instability was moderately high. Initially the thunderstorms that developed north of the warm front produced a few large hail reports. However, as the storms to the west merged with the activity farther east the main severe weather reports consisted of strong winds, especially from one cluster of storms that rolled from Saline and Gage county east into the southeast corner of Nebraska. Around 12,000 customers lost their power from the storm, mostly from Lincoln and locations southwest through southeast of town.				
PLATTE COUNTY --- 0.6 ESE MONROE [41.48, -97.61], 1.3 S (OLU)COLUMBUS ARPT [41.43, -97.33]				
	08/09/09 05:05 CST		0	Hail (2.00 in)
	08/09/09 05:20 CST		0	Source: Law Enforcement
Hail up to 2 inches in diameter fell from around Monroe through the Columbus area. The hail caused vehicle and siding damage with at least 75 home and auto claims received by one insurance agency by the next morning. Most of the damage in the Columbus area was across the far southwest and northeast sections of town.				
COLFAX COUNTY --- 3.5 N ROGERS [41.52, -96.92]				
	08/09/09 05:41 CST		0	Hail (1.75 in)
	08/09/09 05:41 CST		0	Source: Public
Hail up to golf ball-size was reported a few miles north of Rogers. This was from the same cell that produced similar size hail in the Columbus area.				
DODGE COUNTY --- 4.0 NW NORTH BEND [41.51, -96.83]				
	08/09/09 05:52 CST		0	Hail (1.75 in)
	08/09/09 05:52 CST		0	Source: Amateur Radio
From the same supercell thunderstorm that produced similar size hail in the Columbus area a little earlier.				

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DODGE COUNTY --- 2.1 NNE NICKERSON [41.56, -96.47]				
	08/09/09 06:10 CST		0	Hail (1.75 in)
	08/09/09 06:10 CST		0	Source: Trained Spotter
The hail was accompanied by thunderstorm winds that downed some large tree limbs in the area.				
DODGE COUNTY --- 2.1 NNE NICKERSON [41.56, -96.47]				
	08/09/09 06:10 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 06:10 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at around 60 mph downed 4 inch diameter tree limbs north of Nickerson. The winds were accompanied by golf ball-size hail.				
WASHINGTON COUNTY --- 3.0 NW BLAIR [41.58, -96.19]				
	08/09/09 06:30 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 06:30 CST		0	Source: Trained Spotter
Thunderstorm wind gusts estimated at around 60 mph downed a small tree northwest of Blair.				
Thunderstorms developed northwest of a stationary front that extended across southeast Nebraska. The storms were aided by an upper level disturbance that lifted northeast across South Dakota, a modest low level jet and relatively deep low level moisture over eastern Nebraska. Although the storms dropped some large hail, they mostly produced strong and damaging winds.				
GAGE COUNTY --- 1.4 N FILLEY [40.30, -96.53]				
	08/09/09 15:09 CST		0	Hail (2.00 in)
	08/09/09 15:09 CST		0	Source: Trained Spotter
Hail up to 2 inches in diameter caused damage to at least one vehicle in the area.				
JOHNSON COUNTY --- STERLING [40.47, -96.37]				
	08/09/09 15:11 CST		0	Thunderstorm Wind (EG 55 kt)
	08/09/09 15:11 CST		0	Source: Trained Spotter
Thunderstorm winds estimated at over 60 mph downed large tree limbs in the area which caused some house and outbuilding damage. Crops were also flattened around town.				
NEMAHA COUNTY --- AUBURN [40.40, -95.83], 4.0 SSE AUBURN [40.35, -95.80]				
	08/09/09 15:45 CST		0	Thunderstorm Wind (EG 55 kt)
	08/09/09 16:00 CST		0	Source: Emergency Manager
A thunderstorm gust front, which preceded the rain from the storm, brought winds estimated at over 60 mph. These strong winds continued until well after the rain had started which, according to local newspaper reports, lasted for at least 15 minutes. The winds uprooted several big trees and snapped trees and limbs all over town. The downed trees and limbs caused house and vehicle damage, blocked streets and downed power lines. The downed power lines caused an hour and half power outage in Auburn and a 4 to 5 hour loss for rural areas surrounding town. A few transformers in the Auburn area were also damaged and a trailer was blown off of Highway 75 four miles south of town. This was the second wind storm within a week to hit the Auburn area, the other was on Aug. 4th, although this one was deemed much worse by local emergency management.				
NEMAHA COUNTY --- JOHNSON [40.42, -96.00]				
	08/09/09 15:45 CST		0	Thunderstorm Wind (EG 55 kt)
	08/09/09 15:45 CST		0	Source: Trained Spotter
A spotter estimated that thunderstorm wind gusts of around 65 mph downed 2 to 3 inch diameter tree limbs.				
RICHARDSON COUNTY --- HUMBOLDT [40.17, -95.93]				
	08/09/09 15:50 CST		0	Thunderstorm Wind (EG 55 kt)
	08/09/09 15:50 CST		0	Source: Newspaper
Thunderstorm wind gusts estimated at over 60 mph split or downed a significant number of large trees in the Humboldt area. The fallen trees caused scattered structural damage in the area, especially at the local cemetery where 20 to 30 trees were lost.				
GAGE COUNTY --- 3.0 SE ODELL [40.02, -96.76]				

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	08/09/09 16:42 CST		0	Thunderstorm Wind (EG 60 kt)
	08/09/09 16:42 CST		0	Source: Public

Thunderstorm winds estimated at around 60 mph downed 4 inch diameter tree limbs.

Scattered thunderstorms, a few severe, developed along a cold front that pushed slowly into southeast Nebraska during the mid to late afternoon hours of August 9th. Temperatures ahead of the front climbed into the 90s with dew points in the 70s providing a modestly unstable environment.

CUMING COUNTY --- 3.6 SSE WISNER [41.93, -96.91]

08/13/09 07:24 CST	0	Hail (0.88 in)
08/13/09 07:24 CST	0	Source: Trained Spotter

Nickel-size hail covered the ground white near Wisner stripping some crops in the area.

Scattered thunderstorms developed over eastern Nebraska during the morning hours of August 13th. The thunderstorms developed as a modest low level jet ushered in warm and moist advection across eastern Nebraska. An isolated storm produced hail just under 1 inch in diameter.

KNOX COUNTY --- 0.9 SE VERDEL [42.81, -98.19]

08/15/09 16:30 CST	0	Hail (0.88 in)
08/15/09 16:30 CST	0	Source: Trained Spotter

Hail at least nickel-size was reported near Verdel.

ANTELOPE COUNTY --- 4.0 W NELIGH ARPT [42.11, -98.11], 5.1 W CLEARWATER [42.17, -98.28], 2.8 ENE ROYAL [42.35, -98.08], 2.1 NW BRUNSWICK [42.35, -98.00]

08/15/09 18:45 CST	50K	Flash Flood (due to Heavy Rain)
08/15/09 21:45 CST	0	Source: Trained Spotter

Heavy rain caused ditches and culverts to run full or flood across a few county roads from near Clearwater to around Brunswick. A trained weather spotter near Clearwater measured 3.25 inches of rain in a several hour period through 745 pm CDT and additional heavy rain fell after that time in the area. Besides some crop damage in low areas, gravel was washed off a few county roads and a couple of culverts sustained damage.

ANTELOPE COUNTY --- 4.0 W NELIGH ARPT [42.11, -98.11], 5.1 W CLEARWATER [42.17, -98.28], 2.8 ENE ROYAL [42.35, -98.08], 2.1 NW BRUNSWICK [42.35, -98.00]

08/16/09 00:00 CST	50K	Flash Flood (due to Heavy Rain)
08/16/09 04:00 CST	0	Source: Trained Spotter

Another round of heavy rain producing thunderstorms caused additional flash flooding across a few county roads from near Clearwater to around Brunswick. Earlier in the evening over 3 inches of rain was reported around Clearwater and an additional inch or two of rain likely fell across the area either causing additional flooding or prolonging flooding that had already been occurring. The flooding caused some crop and culvert damage and also washed gravel off of sections of county roads.

MADISON COUNTY --- 0.9 NE (OFK)STEFAN FLD NORF [41.99, -97.42], 0.8 S BATTLE CREEK [41.99, -97.60], 2.3 N BATTLE CREEK [42.03, -97.60], 1.4 SSW NORFOLK [42.01, -97.43]

08/16/09 00:40 CST	20K	Flash Flood (due to Heavy Rain)
08/16/09 03:40 CST	0	Source: Law Enforcement

Heavy rain, the heaviest of which fell west through southwest of Norfolk, caused flash flooding across a few county roads from near Battle Creek to south of Norfolk. The water also covered one lane of Highway 81 south of Norfolk. Damage was minimal and mainly consisted of some crop damage in low areas and some gravel washed off of county roads. Rainfall was estimated to have at least been 2 to 4 inches over the much of the area based on surrounding reports and radar estimations.

PIERCE COUNTY --- PIERCE [42.20, -97.53], 9.4 SSW PLAINVIEW [42.22, -97.85], 1.4 W PLAINVIEW MUNI ARPT [42.37, -97.83], 1.3 SSE OSMOND [42.35, -97.57]

08/16/09 00:40 CST	20K	Flash Flood (due to Heavy Rain)
08/16/09 03:40 CST	0	Source: Law Enforcement

Heavy rain producing thunderstorms caused flash flooding across some county roads from around Pierce to near Plainview. Besides washing the gravel off of a few county roads, some crops in low areas also sustained damage. Pierce had 4.13 inches from the storm with 4.18 inches reported several miles south of Plainview. The rain began falling during the late afternoon hours of the 15th and persisted a bit past midnight on the 16th.

Moist and unstable conditions that prevailed over eastern Nebraska during the afternoon and evening hours of August 15th helped set the stage for slow moving thunderstorms that repeatedly developed and tracked across parts of northeast Nebraska. The storms

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were aided by an unseasonably strong upper level system that was tracking along the Montana/Canadian border. The storms developed in a broken west to east line generally to the northwest through north of Columbus. The storms were eventually overtaken around midnight by a larger and generally north to south line of thunderstorms that had developed earlier that day over the western high plains. The storms in northeast Nebraska were mainly heavy rain producers, but a few possessed strong rotation and brought some hail and gusty winds.

RICHARDSON COUNTY --- RULO [40.05, -95.43]

08/17/09 00:15 CST	0	Hail (1.75 in)
08/17/09 00:15 CST	0	Source: Trained Spotter

Thunderstorms developed north of a stalling cold front that was over Kansas. One thunderstorm produced golf ball-size hail as it crossed into extreme southeast Nebraska.

JOHNSON COUNTY --- TECUMSEH [40.37, -96.18]

08/19/09 02:30 CST	25K	Lightning
08/19/09 02:30 CST	0	Source: Newspaper

A lightning strike caused around \$25,000 worth of damage to computers, radio and dispatch equipment and the phone system at the Sheriff's office in Tecumseh.

Early morning high-based thunderstorms moved across southeast Nebraska. One storm produced a lightning strike which caused damage to electrical equipment at the Johnson county Sheriff's office.

KNOX COUNTY --- 1.0 W BLOOMFIELD [42.60, -97.65]

08/19/09 14:40 CST	0	Hail (0.88 in)
08/19/09 14:40 CST	0	Source: COOP Observer

A few hailstones reached nickel-size.

PIERCE COUNTY --- 12.7 SSW FOSTER [42.12, -97.79]

08/19/09 16:05 CST	0	Hail (1.00 in)
08/19/09 16:05 CST	0	Source: Public

SALINE COUNTY --- 5.3 W WILBER MUNI ARPT [40.48, -97.08]

08/19/09 16:08 CST	0	Hail (0.75 in)
08/19/09 16:08 CST	0	Source: Trained Spotter

SALINE COUNTY --- 6.0 NE WESTERN [40.46, -97.12]

08/19/09 16:32 CST	0	Hail (1.25 in)
08/19/09 16:32 CST	0	Source: Trained Spotter

SALINE COUNTY --- 2.0 S WILBER [40.45, -96.95], 0.8 WNW WILBER [40.48, -96.96]

08/19/09 16:44 CST	0	Hail (1.75 in)
08/19/09 16:50 CST	0	Source: Emergency Manager

Quarter to golf ball-size hail was reported from a few miles south of Wilber into town. The hail broke some windows on vehicles in the area.

SALINE COUNTY --- 0.5 W CRETE [40.63, -96.96]

08/19/09 16:56 CST	0	Hail (1.00 in)
08/19/09 16:56 CST	0	Source: Trained Spotter

SALINE COUNTY --- 3.0 N WILBER [40.52, -96.95]

08/19/09 17:05 CST	0	Hail (1.00 in)
08/19/09 17:05 CST	0	Source: Trained Spotter

From another thunderstorm that developed on the west side of the storms that dropped hail up to golf ball size in and just south of Wilber about 15 minutes earlier.

GAGE COUNTY --- 1.7 NW HOAG [40.34, -96.85]

08/19/09 17:20 CST	0	Hail (1.00 in)
08/19/09 17:20 CST	0	Source: Public

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GAGE COUNTY --- 2.2 ESE CLATONIA [40.46, -96.79]				
	08/19/09 17:20 CST		0	Hail (1.75 in)
	08/19/09 17:20 CST		0	Source: Public
The hail was mostly nickel to quarter-size but a few stones reached golf ball-size.				
JEFFERSON COUNTY --- 6.0 WSW FAIRBURY [40.12, -97.27]				
	08/19/09 17:27 CST		0	Hail (1.25 in)
	08/19/09 17:27 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 0.9 SW FAIRBURY [40.14, -97.18]				
	08/19/09 17:43 CST		0	Hail (1.25 in)
	08/19/09 17:43 CST		0	Source: Emergency Manager
PLATTE COUNTY --- 2.6 NE DUNCAN [41.43, -97.47], 1.2 ENE COLUMBUS [41.43, -97.35]				
	08/19/09 17:50 CST		0	Hail (1.00 in)
	08/19/09 18:00 CST		0	Source: Public
Pea-size hail covered the ground from a few miles west of Columbus into Columbus. A few hailstones reached quarter-size.				
LANCASTER COUNTY --- 2.0 N BENNET [40.71, -96.50]				
	08/19/09 20:35 CST		0	Hail (0.75 in)
	08/19/09 20:35 CST		0	Source: Trained Spotter
A narrow line of severe thunderstorms developed along a cold front that moved into northeast Nebraska during the late afternoon of August 19th. Meanwhile isolated supercell thunderstorms developed over southeast Nebraska into southwest Iowa due to an upper level disturbance that was tied into a much larger disturbance that helped push the cold front through the region. The line of thunderstorms in northeast Nebraska weakened as it moved east of Columbus, but the storms southeast of there congealed into small line segments and were finally shoved east of the region as the front pushed through later in the evening.				
ANTELOPE COUNTY --- ELGIN [41.98, -98.08]				
	08/24/09 20:45 CST		0	Hail (0.88 in)
	08/24/09 20:45 CST		0	Source: Trained Spotter
Some hailstones reached around nickel-size.				
ANTELOPE COUNTY --- OAKDALE [42.07, -97.97]				
	08/24/09 21:00 CST		0	Thunderstorm Wind (EG 60 kt)
	08/24/09 21:00 CST		0	Source: COOP Observer
A cooperative observer in the Oakdale area estimated thunderstorm wind gusts reached around 60 mph.				
A moderately strong low-level jet ahead of a cold front helped to kick off a narrow line of thunderstorms that tracked repeatedly across northeast Nebraska. The storms initially produced isolated severe weather but turn into mainly heavy rain producers. Two to as much as four inches fell in a small area from southwest of Neligh Nebraska to near Sioux City Iowa.				